

C18 Glucosyl(β) Ceramide (d18:1/18:0)
D-glucosyl-β-1,1'-N-stearoyl-D-erythro-sphingosine
860547P-5mg

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Molecular Weight 728.094
Chemical Formula C₄₂H₈₁NO₈
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5997PHB018
Avanti Lot Number 860547P-5MG-B-018

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (85:15 Chloroform: Methanol)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 729.094 ± 1 amu	[M+H] ⁺ = 728.6 amu

Approved by: *Anderson Thomas*

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